



Does BitTorrent + Private Trackers = The New Film Archive?

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IMPORTANT MESSAGE FROM VERIZON - WE HAVE RECEIVED A SECOND NOTICE OF ALLEGED COPYRIGHT INFRINGEMENT ASSOCIATED WITH YOUR ACCOUNT



Inbox x



Verizon Notification <verizon-notification@verizon.com>

to me ▾

9:10 AM (11 hours ago) ☆



Dear Valued Verizon Customer,

Verizon has been notified a SECOND TIME that copyrighted content may have been shared using your Internet connection without permission of the copyright owner.

What does this mean to me?

Content owners (for example, artists, moviemakers, authors) and their representatives routinely monitor peer-to-peer and file sharing networks to see if their content (like music, movies, and TV shows) is being shared without their permission (without it being paid for). If they notice somebody sharing their content without their permission through a Verizon account, they inform Verizon by sending us a notice along with information about the copyrighted work and the Verizon Internet protocol (IP) address of the computer sharing the content. As the primary account holder, you are responsible for making sure your account is not used for copyright infringement. Sharing content without the copyright owner's permission is a violation of U.S. copyright laws, and our terms of service and acceptable use policy.

What was shared and when?

File Name: Mad.Men.S07E07.HDTV.x264-LOL.mp4

Content Title: MAD MEN

Timestamp: 04-06-2015 13:19:47 UTC

IP Address: 96.250.125.211



Torrent file:

announce: the URL of the tracker

info: nest for the following pairs:

- - **name:** suggested filename where the file is to be saved
- - **piece length:** number of bytes per piece
- - **pieces:** a hash list, i.e., a concatenation of each SHA-1 hash
- - **length:** size of the file in bytes
- - **files:** a list of dictionaries each corresponding to a file
 - - - **path:** a list of strings corresponding to subdirectory names
 - - - **length:** size of the file in bytes.

Magnet file:

Base32 encoded SHA-1 hash with parameters passed into it:

dn (Display Name), **xl** (eXact Length), **xt** (eXact Topic),
as (Acceptable Source), **xs** (eXact Source), **kt** (Keyword Topic),
mt (Manifest Topic), & **tr** (address TRacker)



12% of PASSKEEP.ZIP Completed



Saving:

PASSKEEP.ZIP from www.gregorybraun.com



Estimated time left: 23 sec (19.0 KB of 165 KB copied)

Download to: C:\Downloads\PASSKEEP.ZIP

Transfer rate: 6.10 KB/Sec

☐ Close this dialog box when download completes

Open

Open Folder

Cancel

Table 1: Version 1 of the Levels of Digital Preservation

| | Level 1 (Protect your data) | Level 2 (Know your data) | Level 3 (Monitor your data) | Level 4 (Repair your data) |
|---------------------------------|---|---|---|--|
| Storage and Geographic Location | <ul style="list-style-type: none"> - Two complete copies that are not collocated - For data on heterogeneous media (optical discs, hard drives, etc.) get the content off the medium and into your storage system | <ul style="list-style-type: none"> - At least three complete copies - At least one copy in a different geographic location - Document your storage system(s) and storage media and what you need to use them | <ul style="list-style-type: none"> - At least one copy in a geographic location with a different disaster threat - Obsolescence monitoring process for your storage system(s) and media | <ul style="list-style-type: none"> - At least three copies in geographic locations with different disaster threats - Have a comprehensive plan in place that will keep files and metadata on currently accessible media or systems |
| File Fixity and Data Integrity | <ul style="list-style-type: none"> - Check file fixity on ingest if it has been provided with the content - Create fixity info if it wasn't provided with the content | <ul style="list-style-type: none"> - Check fixity on all ingests - Use write-blockers when working with original media - Virus-check high risk content | <ul style="list-style-type: none"> - Check fixity of content at fixed intervals - Maintain logs of fixity info; supply audit on demand - Ability to detect corrupt data - Virus-check all content | <ul style="list-style-type: none"> - Check fixity of all content in response to specific events or activities - Ability to replace/repair corrupted data - Ensure no one person has write access to all copies |
| Information Security | <ul style="list-style-type: none"> - Identify who has read, write, move and delete authorization to individual files - Restrict who has those authorizations to individual files | <ul style="list-style-type: none"> - Document access restrictions for content | <ul style="list-style-type: none"> - Maintain logs of who performed what actions on files, including deletions and preservation actions | <ul style="list-style-type: none"> - Perform audit of logs |
| Metadata | <ul style="list-style-type: none"> - Inventory of content and its storage location - Ensure backup and non-collocation of inventory | <ul style="list-style-type: none"> - Store administrative metadata - Store transformative metadata and log events | <ul style="list-style-type: none"> - Store standard technical and descriptive metadata | <ul style="list-style-type: none"> - Store standard preservation metadata |
| File Formats | <ul style="list-style-type: none"> - When you can give input into the creation of digital files encourage use of a limited set of known open formats and codecs | <ul style="list-style-type: none"> - Inventory of file formats in use | <ul style="list-style-type: none"> - Monitor file format obsolescence issues | <ul style="list-style-type: none"> - Perform format migrations, emulation and similar activities as needed |



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RATIO:
PRIVATE

↑ X.X KB/s
↓ X.X KB/s

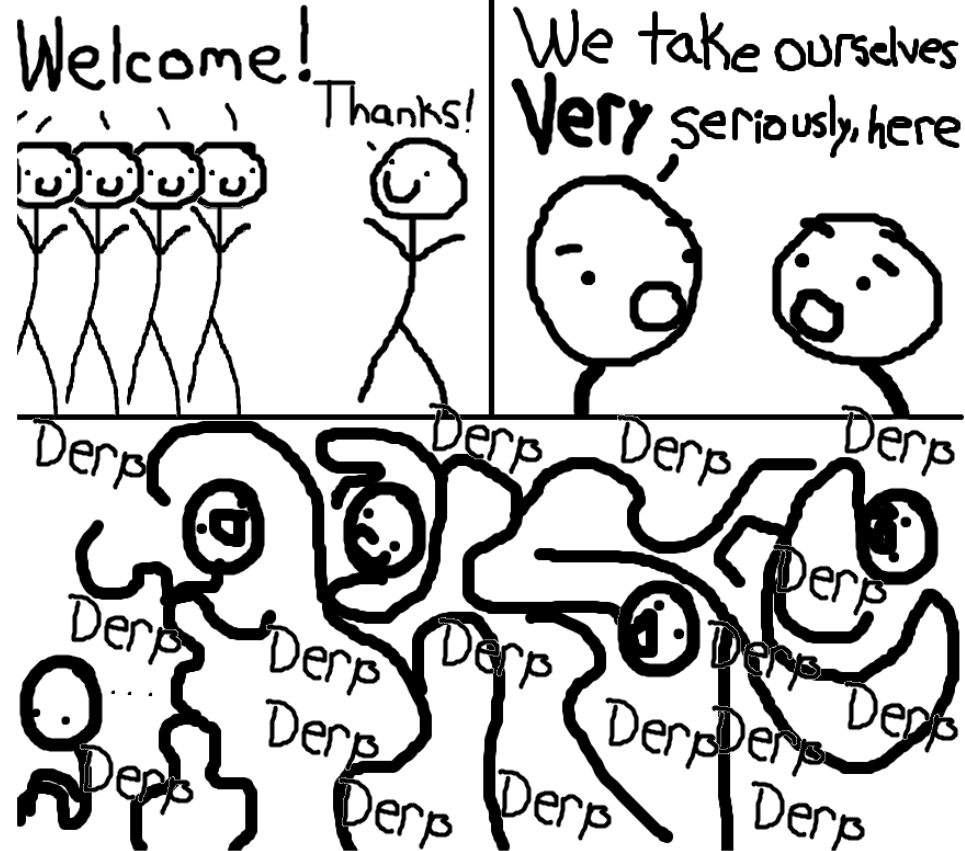
SEEDING:
PRIVATE
LEECHING.
PRIVATE



Tracker vs. Private Tracker

- Tracker keeps track of peers that are currently sharing a torrent
- Invite-only community
- Private digital repositories

PRIVATE TRACKERS EXPLAINED



[illegible]

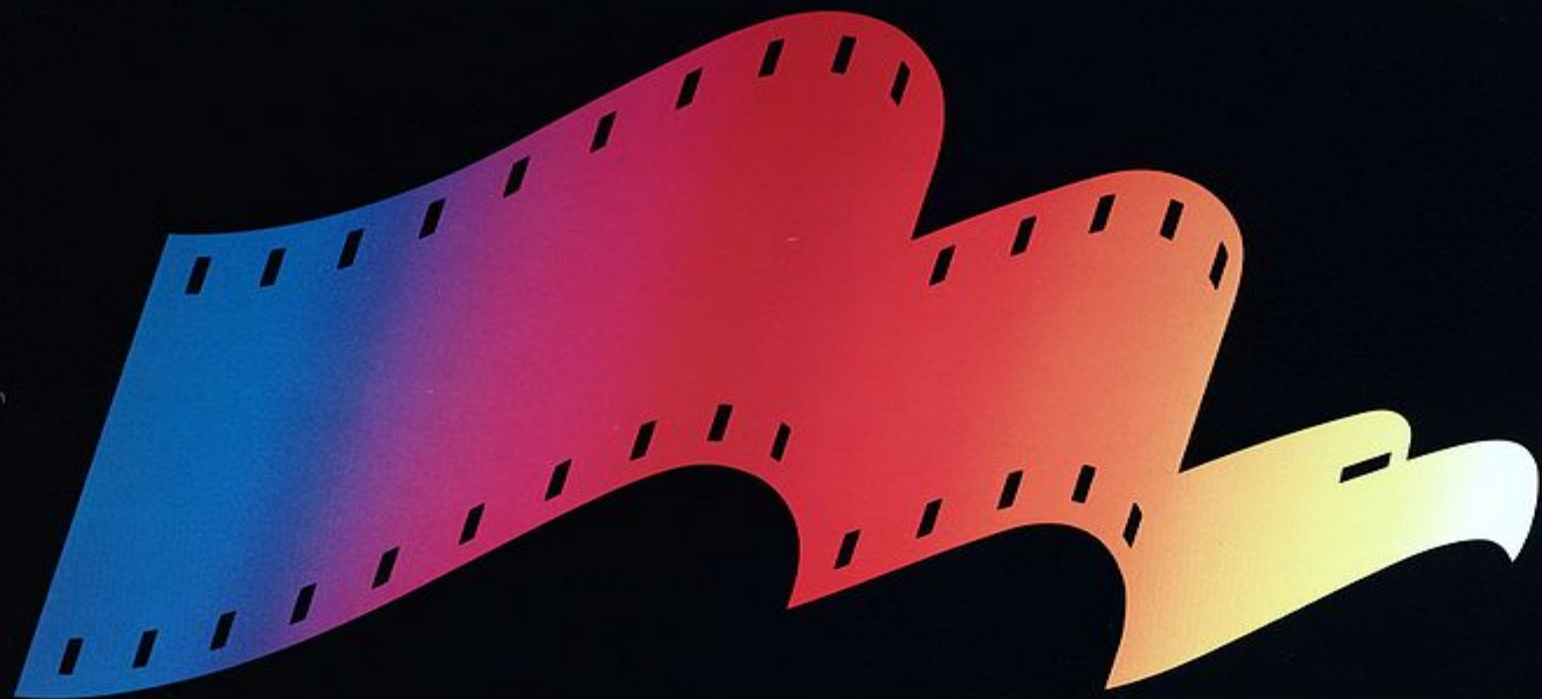
Version 2 Patch Notes:

- Added HDT, SI, TVcUK, FSC, PD, IT, FM, SS, E***o, DH, CTk, x264, TheGeeks
- Fixed various typos
- Changed layout and color of some categories and trackers.

Monsieur CINEPHILE

- Crowdsourcing and Curation
- Instant, Abundant, Ubiquitous = Democratization
- New Research = New Canon
- Supplements (Replaces?) Archival Research





NATIONAL FILM

REGISTRY

of the Library of Congress





ARTIST — FAN

Future.



TRANSMISSION

A Fast, Easy, and Free BitTorrent Client

« [maplight.org Site Maps Corporate Money to Politicians](#)
[New Dan Bull Vid – WikiLeaks and the Need for Free Speech](#) »

Bittorrent As Preservation of Culture

As announced at [ASCII](#), a torrent has been uploaded containing a backup of the entire archive of sites published and hosted on Geocities. In response to an announcement that Geocities was shutting down and planning to discard it's database, an [Archive team](#) banded together to save this data before it was forever wiped from the interbutts and flushed into the void.

The 641.32 GiB (that's gibibytes) torrent has been released on The Pirate Bay.

[http://thepiratebay.org/torrent/5923737/Geocities - The Torrent](http://thepiratebay.org/torrent/5923737/Geocities_-_The_Torrent)

What if the library at Alexandria had been capable of decentralized hosting before it was burned down?

This is another of the many benefits bittorrent offers.

If you run into Stun, buy him a beer for directing me to this.



Tags: [ascii](#), [geocities](#), [interbutts](#), [torrent](#)

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